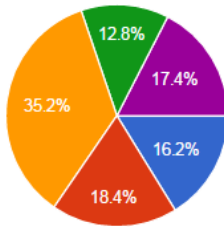


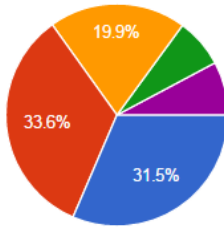
BEEKEEPER INFORMATION

How long have you been keeping bees?



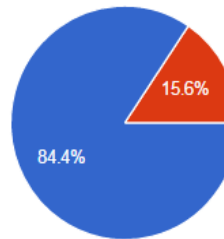
Less than 1 year	52	16.2%
1-2 years	59	18.4%
3-6 years	113	35.2%
6-10 years	41	12.8%
More than 10 years	56	17.4%

Do you currently have, or have you ever had, a mentor to aid in your beekeeping efforts?



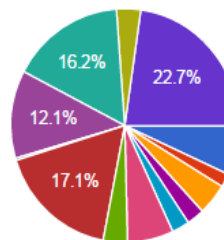
Currently have a mentor	101	31.5%
Currently do not have a mentor but had one in the past	108	33.6%
Never had had a mentor	64	19.9%
Do not have a mentor, but wish I did	23	7.2%
Other	25	7.8%

Have you ever attended a bee school?



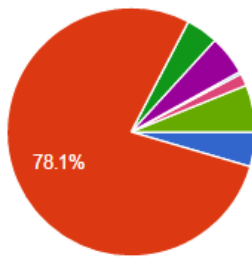
Yes	271	84.4%
No	50	15.6%

In what county do you live?



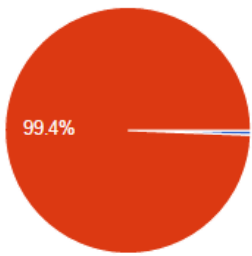
Barnstable	22	6.9%
Berkshire	6	1.9%
Bristol	14	4.4%
Dukes	0	0%
Essex	8	2.5%
Franklin	8	2.5%
Hampden	21	6.5%
Hampshire	11	3.4%
Middlesex	55	17.1%
Nantucket	1	0.3%
Norfolk	39	12.1%
Plymouth	52	16.2%
Suffolk	11	3.4%
Worcester	73	22.7%

How did you hear about this survey?



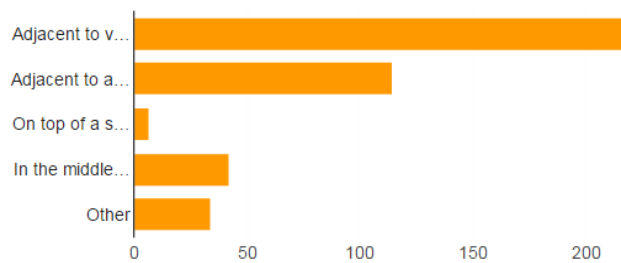
A Friend	14	4.5%
Beekeepers' Association	243	78.1%
Twitter	0	0%
Facebook	13	4.2%
MDAR Apiary Webpage	16	5.1%
MDAR Farm and Market Report	1	0.3%
UMass Extension	5	1.6%
Other	19	6.1%

Are you a migratory beekeeper (i.e. you move hives in and out of the state throughout the year)?



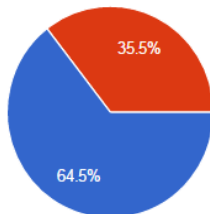
Yes	2	0.6%
No	319	99.4%

Where are the hive/s situated in the apiary? Please check all that apply.



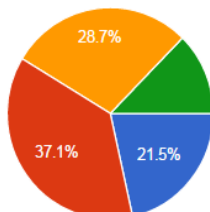
Adjacent to vegetation (i.e. forest, field, crop field, etc.)	217	67.6%
Adjacent to a structure (i.e. fence, building, home, shed, etc.)	114	35.5%
On top of a structure (i.e. roof of building, carport/garage, etc.)	7	2.2%
In the middle of an open field or natural area	42	13.1%
Other	34	10.6%

Are there any other hives in the vicinity of your apiary?



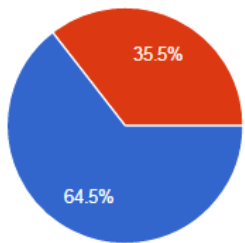
Yes	207	64.5%
No	114	35.5%

If so, how close in proximity are the other hives to your apiary?



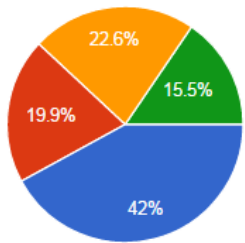
Less than 0.5 mile	51	21.5%
0.5 mile to 1 mile	88	37.1%
1 mile to 2 miles	68	28.7%
More than 2 miles	30	12.7%

Are there agricultural areas near your apiary?



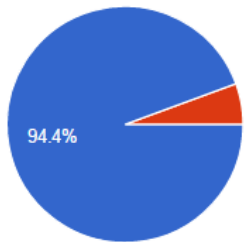
Yes	207	64.5%
No	114	35.5%

If so, how close in proximity are the agricultural areas to your apiary?



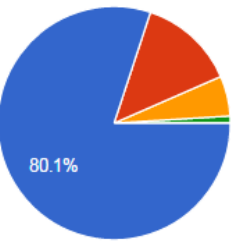
Less than 0.5 mile	95	42%
0.5 mile to 1 mile	45	19.9%
1 mile to 2 miles	51	22.6%
More than 2 miles	35	15.5%

Are there wetland areas or bodies of water near your apiary?



Yes	303	94.4%
No	18	5.6%

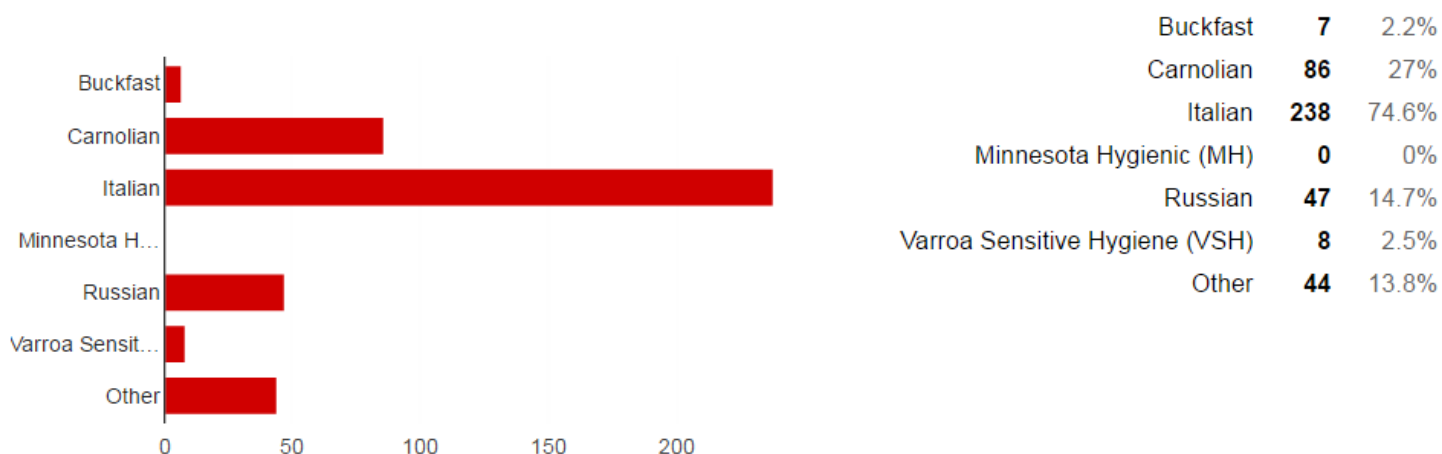
If so, how close in proximity are the wetlands or bodies of water to your apiary?



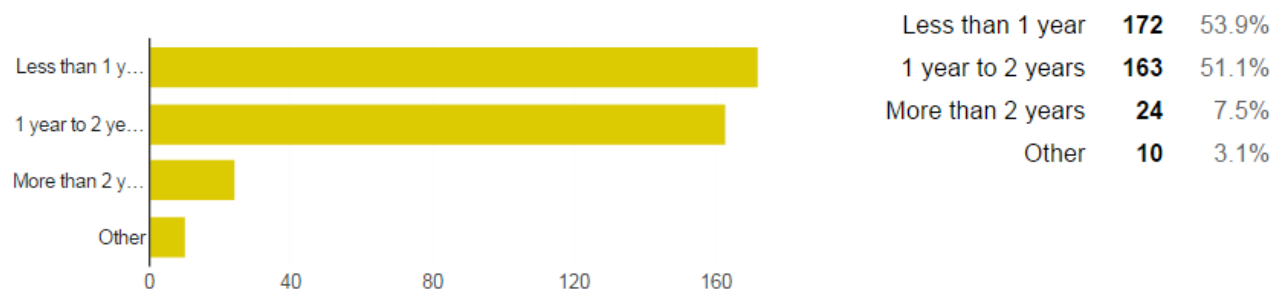
Less than 0.5 mile	245	80.1%
0.5 mile to 1 mile	41	13.4%
1 mile to 2 miles	17	5.6%
More than 2 miles	3	1%

HIVE/S INFORMATION

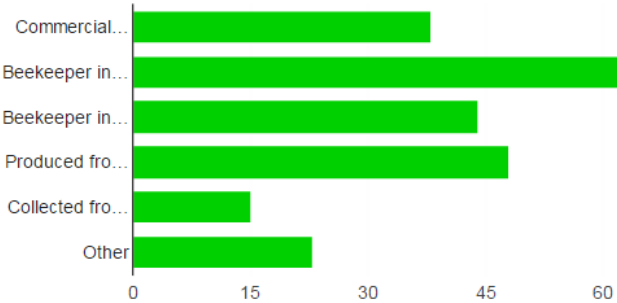
What type of queen/s do you have? Please check all that apply.



What is the age of your queen/s?

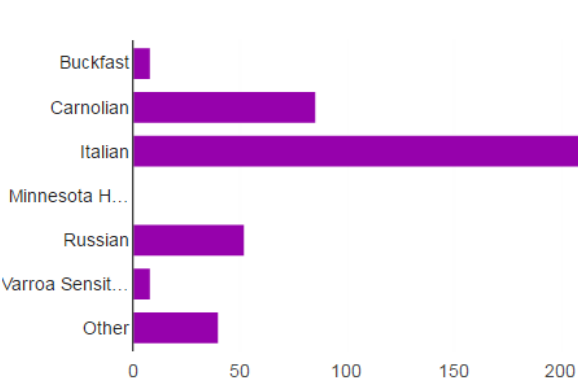


If you re-queened your hive/s this year, where did you get your queen/s? Please check all that apply.



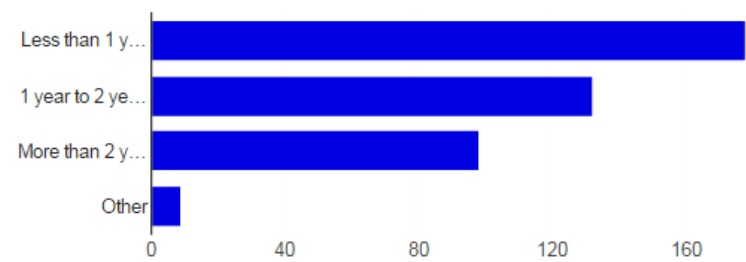
Commercial bee supply company (i.e. Better Bee, Brushy Mountain Bee Supply, Dadant, Kelley Bees, Mann Lake, etc.)	38	21.1%
Beekeeper in Massachusetts	66	36.7%
Beekeeper in another state	44	24.4%
Produced from hives in your apiary	48	26.7%
Collected from swarm	15	8.3%
Other	23	12.8%

What type of bees do you have? Please check all that apply.



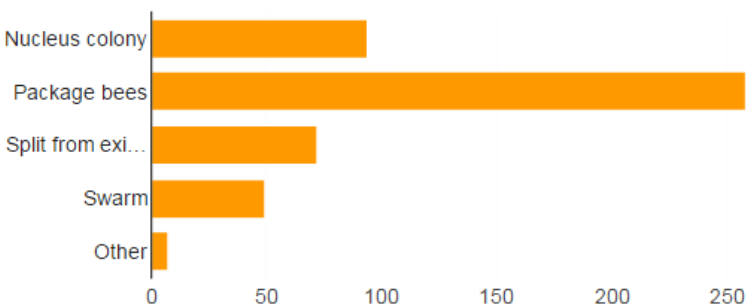
Buckfast	8	2.5%
Carnolian	86	27%
Italian	242	75.9%
Minnesota Hygienic (MH)	0	0%
Russian	52	16.3%
Varroa Sensitive Hygiene (VSH)	8	2.5%
Other	40	12.5%

What is the age/s of your hive/s? Please check all that apply.



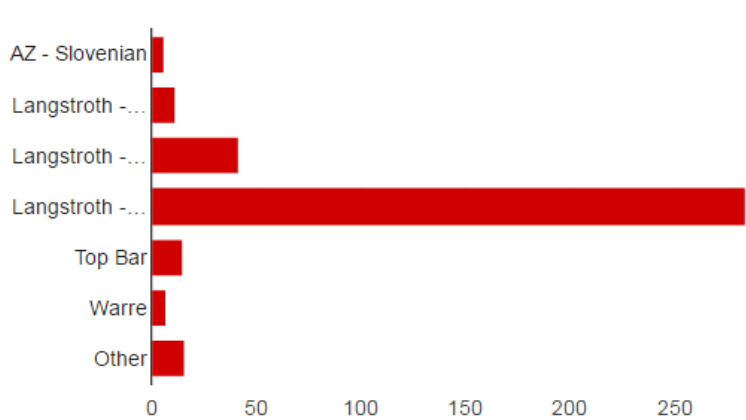
Less than 1 year old	178	55.6%
1 year to 2 years old	132	41.3%
More than 2 years old	98	30.6%
Other	9	2.8%

How were your hive/s started? Please check all that apply.



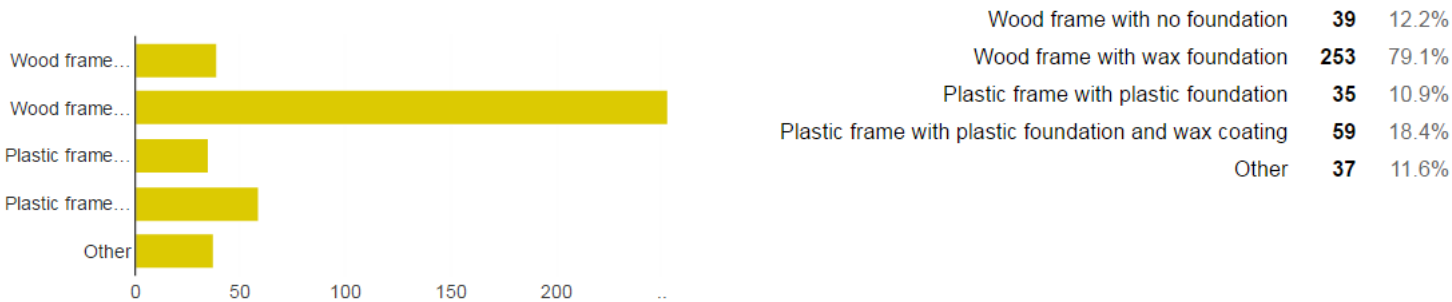
Nucleus colony	94	29.4%
Package bees	258	80.6%
Split from existing colony in apiary	72	22.5%
Swarm	49	15.3%
Other	7	2.2%

What type of hive/s do you use? Please check all that apply.



AZ - Slovenian	6	1.9%
Langstroth - 5 frames	12	3.7%
Langstroth - 8 frames	42	13.1%
Langstroth - 10 frames	284	88.5%
Top Bar	15	4.7%
Warre	7	2.2%
Other	16	5%

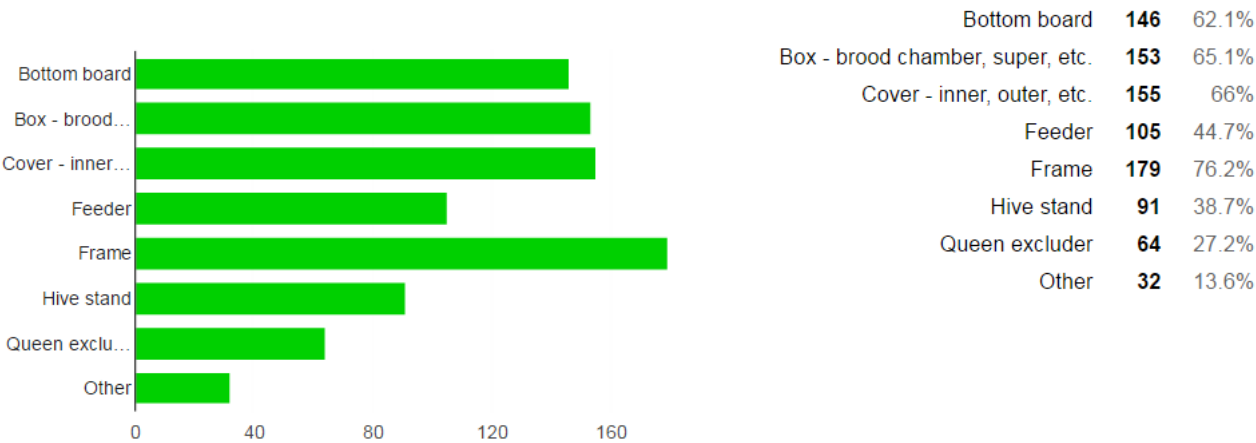
What type of frames do you use in your hive/s? Please check all that apply.



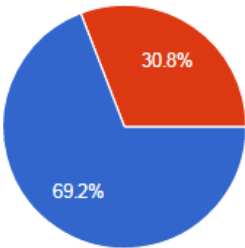
Did you use new equipment in your hive/s this year?



What types of new equipment did you use in your hive/s this year? Please check all that apply.

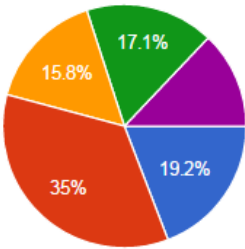


Did you remove filled frames of honey stores from your hive/s this year?



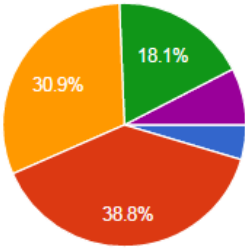
Yes	222	69.2%
No	99	30.8%

How many filled frames of honey stores did you remove per hive?



1 to 4 frames	46	19.2%
5 to 10 frames	84	35%
11 to 15 frames	38	15.8%
More than 15 frames	41	17.1%
Other	31	12.9%

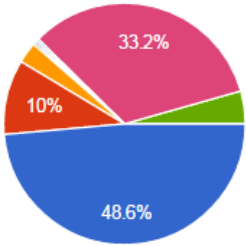
How many filled frames of honey stores did you leave per hive in preparation for winter?



1 to 4 frames	14	4.6%
5 to 10 frames	118	38.8%
11 to 15 frames	94	30.9%
More than 15 frames	55	18.1%
Other	23	7.6%

HIVE ISSUE

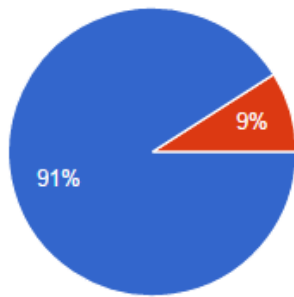
How many hives, if any, have you lost this year?



1-2	155	48.6%
3-5	32	10%
6-10	9	2.8%
11-20	1	0.3%
21-50	1	0.3%
More than 50	1	0.3%
Did not lose any hives this year	106	33.2%
Other	14	4.4%

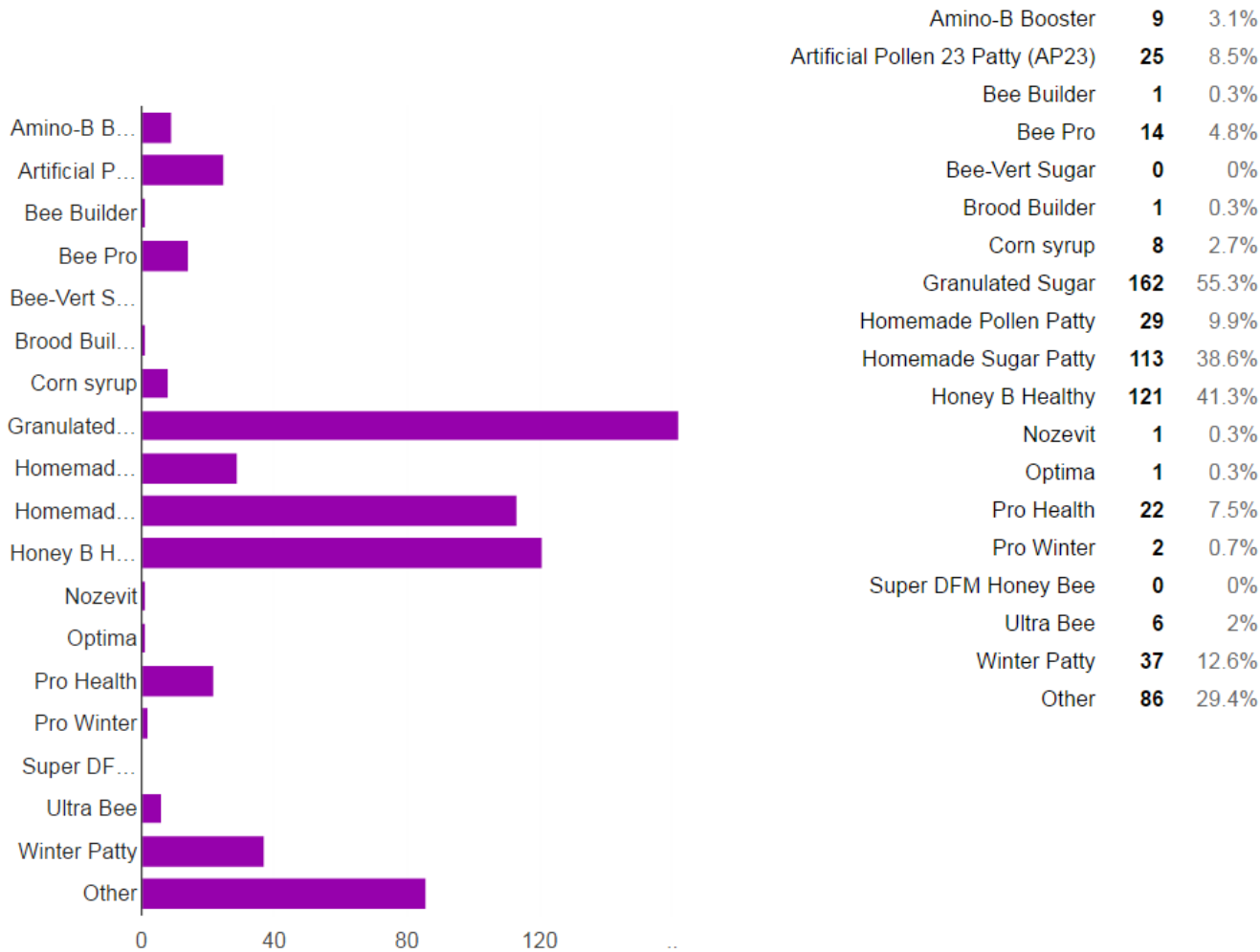
HIVE TREATMENT

Did you feed to your hive/s this year?

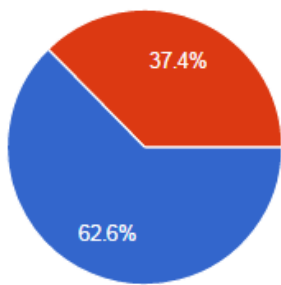


Yes	292	91%
No	29	9%

If you did feed your hives, please check all the products that you applied.

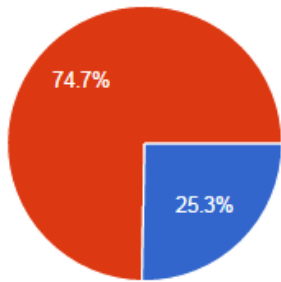


Did you apply mite treatments to your hive/s this year?



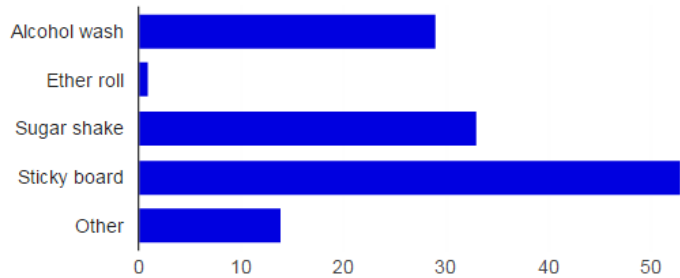
Yes	201	62.6%
No	120	37.4%

Did you do a mite count pre/post treatment this year?



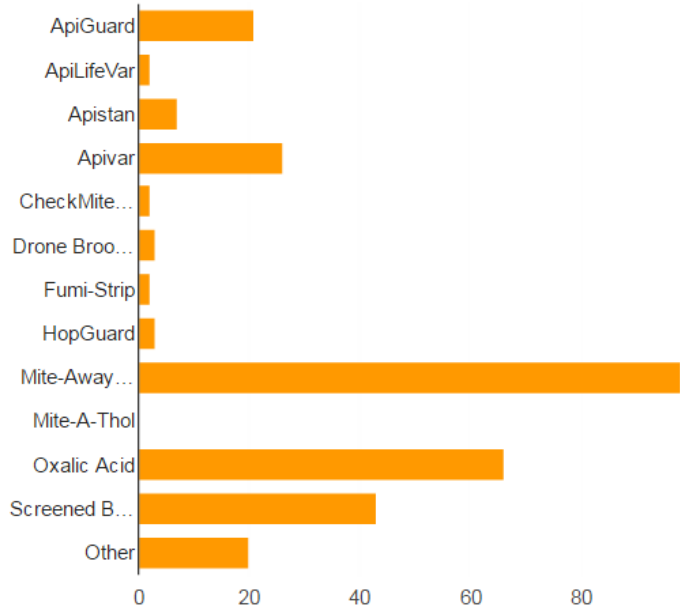
Yes	81	25.3%
No	239	74.7%

What type of mite count procedure did you use? Please check all that apply.



Alcohol wash	29	26.6%
Ether roll	1	0.9%
Sugar shake	33	30.3%
Sticky board	53	48.6%
Other	14	12.8%

If you did apply mite treatments this year, please check all the products that you used.



ApiGuard	21	10%
ApiLifeVar	2	0.9%
Apistan	7	3.3%
Apivar	26	12.3%
CheckMite Plus	2	0.9%
Drone Brood Trap	3	1.4%
Fumi-Strip	2	0.9%
HopGuard	3	1.4%
Mite-Away Quick Strips	98	46.4%
Mite-A-Thol	0	0%
Oxalic Acid	66	31.3%
Screened Bottom Board	43	20.4%
Other	20	9.5%

If you did apply additional treatments this year, please check all the products that you used.

